



**I Application**

The NLM shut-off valve is a manually actuated single seat valve designed for the applications where automation is not required. It is also used as a regulating valve (with a parabolic plug). Due to the sanitary design, the valves are indicated for the dairy and food-processing industries, beverage production, pharmaceutical and fine chemicals industries.

**I Operating principle**

The NLM valves are actuated by means of a handle that enables to gradually open or close the plug.

**I Design and features**

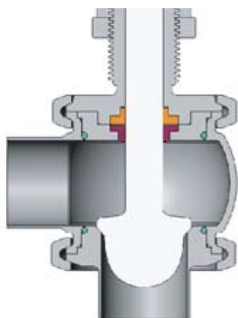
Available versions: - shut-off valve  
- divert valve

Position locking nut.  
360° adjustable body.  
Sanitary design according to the 3A specifications.  
Connections: weld (mm or inches).

**I Materials**

Parts in contact with the product	AISI 316L
Other stainless steel parts	AISI 304
Gaskets	EPDM according to FDA 177.2600
Internal surface finish	Ra ≤ 0,8µm
External surface finish	bright polish

Option: parabolic plug



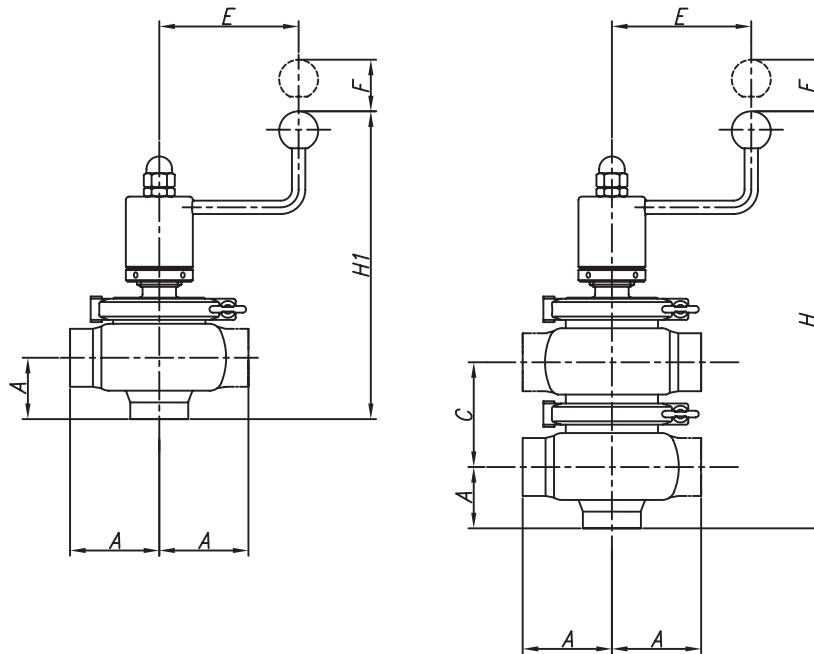
**I Options**

Steam barrier (if shaft sterilisation is required).  
Jacketed body.  
Parabolic plug (regulating valve).  
Internal surface finish: Ra ≤ 0,5 µm.  
Gaskets: NBR or FPM.  
Connections: DIN, Clamp, SMS, RJT, FIL-IDF.



**I Technical specifications**

Available sizes	DN 25 - DN 100	DN 1" - DN 4"
Operating temperature	-10 °C to +120 °C (EPDM)	14 °F to 248 °F
	+140 °C (SIP, max. 30 min)	284 °F
Max. operating pressure	10 bar	



DN	A	C	E	F <sub>min</sub>	H	H1
25	1"	50	125	22	295	240
40	1 1/2"	60		22	325	255
50	2"	70		32	345	265
65	2 1/2"	80		36	385	285
80	3"	90		36	420	305
100	4"	125		40	485	345



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